ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Derrick Clark	**10/01/03**	**03-0677**	**—**	301-925-1024	3010B	DEPL

8. CCR Title: PATCH_6A.08_Toolkit_LX.01

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 03Oct01
Derrick Clark /s/ 10/1/03	**II**	**CCR**	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency"
Janine Smith /s/ 10/1/03	Initial ECS Baseline Doc.	fill in Block 27). Emergency

16. Documentation/Drawings Impacted (Review and submit checklist):	17. Schedule Impact:	18. CI(s) Affected: Toolkit

19. Release Affected by this Change: 6A	20. Date due to Customer: 03Oct01	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach)   ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
36237

23. Problem: (use additional Sheets if necessary)
ECSed36237 - Deliveries using the Ecs Assist delivery process for Toolkit do not include a linux version of toolkit.

24. Proposed Solution: (use additional sheets if necessary)
Deliver PATCH_6A.08_Toolkit_LX.01 to GSFC.

25. Alternate Solution: (use additional sheets if necessary)
Wait until next complete delivery of TOOLKIT

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
The Toolkit for linux will have to be built manualy by GSFC representative responsible for TOOLKIT.

27. Justification for Emergency (If Block 15 is "Emergency"):
To deliver a linux version of the TOOLKIT

28. Site(s) Affected: ☐EDF   ☒PVC ☐VATC ☐EDC   ☒ GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐ IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): **Byron V. Peters /s/ 10/11/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

CM01JA00 Revised 8/2/02   ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: 03-0677   Rev: — Originator: Derrick Clark

Telephone: 301-925-1024   **Office:** 3010B

Title of Change: PATCH_6A.08_Toolkit_LX.01

Actions

ClearCase Group(CSG):

Please build LINUX tarfile for the following package from the 6A08 baseline:

.EcTkToolkit.pkg

Please name tarfile PATCH_ 6A.08_TOOLKIT_LX.01

Please deliver tarfile to PVC & GSFC

This is to deliver a fix for NCR(s)

  ECSed36237 OPS_Toolkit 5 T GSFC DAAC Toolkit deliveries need to support linux as well

  Patch/TE Dependencies

  NONE

DAAC INSTALL INSTRUCTIONS

PREREQUISITES
   Tcl/Tk related cots software have to be installed in order to use Ecs Assist GUIs.*

PREINSTALL

1. Copy the *linux* tar files to the existing 6A08 <staging_area> with new directory called TOOLKIT_LX
e.g. <staging_area>/TOOLKIT_LX/

2. Using the setup.ksh file untar the 6A.08_TOOLKIT_LX.01 tar file in the <staging_area>/TOOLKIT_LX/ directory.

3. Change directory to <staging_area>/TOOLKIT_LX/CUSTOM/

4. Uncomment GSFC Toolkit sections for g0spp12 and g0spp14.

5 As root, untar EcCoAssist.

Logon onto every linux host and exececute the following sections.

INSTALL

1. You will not be able to use the Ecs Assist GUIs since several Tcl/Tk related cots software do not exist on any of the linux platforms.*   You will have execute the following commands to install the linux version of Toolkit.

2. setenv MODE_STAGING_DIR <staging_area>/TOOLKIT_LX

3. EcCoInstall -custom .EcTkToolkit.pkg <mode> MODE NONDEV TOOLKIT EcTk

WORKAROUNDS

1. Manually change the following files "pgs-env.csh pgs-env.ksh pgs-dev-env.csh pgs-dev-env.ksh".
   for every occurrence of "/ecs/formal"   should be changed to "/usr/ecs/<mode>/CUSTOM",
                    "/ecs/cots/hdf"   should be changed to "/usr/ecs/<mode>/CUSTOM/HDF",
              and "/ecs/hdfeos"   should be changed to "/usr/ecs/<mode>/CUSTOM/HDFEOS/hdfeos"

CONFIGURATION
1. Change directory to /usr/ecs/<mode>/CUSTOM/utilities

2. Run Mkcfg script to setup Toolkit environment.

3. EcTkMkcfg <mode>

*NOTE: A plan will be devised to deliver Tcl/Tk related cots software to linux boxes in the near future.